Section 1. Registration Information

Source Identification

Facility Name:	Geismar Olefins Plant
Parent Company #1 Name:	The Williams Companies, Inc.
Parent Company #2 Name:	Williams Olefins LLC

Submission and Acceptance

Submission Type:	Re-submission
Subsequent RMP Submission Reason:	5-year update (40 CFR 68.190(b)(1))
Description:	
Receipt Date:	17-Jun-2009
Postmark Date:	17-Jun-2009
Next Due Date:	17-Jun-2014
Completeness Check Date:	04-Dec-2012
Complete RMP:	Yes
De-Registration / Closed Reason:	
De-Registration / Closed Reason Other Text:	
De-Registered / Closed Date:	
De-Registered / Closed Effective Date:	
Certification Received:	Yes

Facility Identification

EPA Facility Identifier:	1000 0009 8119
Other EPA Systems Facility ID:	70734NNTXSLAHWY

Dun and Bradstreet Numbers (DUNS)

Facility DUNS:	
Parent Company #1 DUNS:	824678478
Parent Company #2 DUNS:	68101286

Facility Location Address

Street 1:	5205 Highway 3115
Street 2:	
City:	Geismar
State:	LOUISIANA
ZIP:	70734
ZIP4:	
County:	IBERVILLE

Facility Latitude and Longitude

Latitude (decimal):	30.235833
Longitude (decimal):	-091.050556
Lat/Long Method:	Interpolation - Photo
Lat/Long Description:	Center of Facility
Horizontal Accuracy Measure:	25
Horizontal Reference Datum Name:	North American Datum of 1983
Source Map Scale Number:	24000

690558

Owner or Operator

Operator Name:	Williams Olefins LLC
Operator Phone:	(225) 642-2100

Mailing Address

Operator Street 1:	P.O. Box 470
Operator Street 2:	5205 Hwy 3115
Operator City:	Geismar
Operator State:	LOUISIANA
Operator ZIP:	70734
Operator ZIP4:	
Operator Foreign State or Province:	
Operator Foreign ZIP:	
Operator Foreign Country:	

Name and title of person or position responsible for Part 68 (RMP) Implementation

RMP Name of Person:	L.G. Bayer
RMP Title of Person or Position:	Director, Gulf Olefins Operations
RMP E-mail Address:	larry.bayer@williams.com

Emergency Contact

Emergency Contact Name:	J.G. Berret
Emergency Contact Title:	Petrochemical Safety & IH Manager
Emergency Contact Phone:	(225) 642-2169
Emergency Contact 24-Hour Phone:	(225) 642-2132
Emergency Contact Ext. or PIN:	
Emergency Contact E-mail Address:	jake.berret@williams.com

Other Points of Contact

Facility or Parent Company E-mail Address:	
Facility Public Contact Phone:	
Facility or Parent Company WWW Homepage Address:	

Local Emergency Planning Committee

LEPC:	Iberville Parish LEPC

Full Time Equivalent Employees

Number of Full Time Employees (FTE) on Site:	109
FTE Claimed as CBI:	

Covered By

OSHA PSM :	Yes
EPCRA 302 :	Yes
CAA Title V:	Yes
Air Operating Permit ID:	0180-00029V8

OSHA Ranking

OSHA Star or Merit Ranking:

Last Safety Inspection

Last Safety Inspection (By an External Agency) Date:	20-Feb-2008
Last Safety Inspection Performed By an External Agency:	State environmental agency

Predictive Filing

Did this RMP involve predictive filing?:

Preparer Information

Preparer Name:	P.R. Jordan
Preparer Phone:	(215) 504-5729
Preparer Street 1:	225 Pine Glen Road
Preparer Street 2:	
Preparer City:	Langhorne
Preparer State:	PENNSYLVANIA
Preparer ZIP:	19047
Preparer ZIP4:	
Preparer Foreign State:	
Preparer Foreign Country:	
Preparer Foreign ZIP:	

Confidential Business Information (CBI)

CBI Claimed:
Substantiation Provided:
Unsanitized RMP Provided:

Reportable Accidents

Reportable Accidents: See Section 6. Accident History below to determine if there were any accidents reported for this RMP.

Process Chemicals

Process ID:	1000001605
Description:	Olefins Manufacturing
Process Chemical ID:	1000001718
Program Level:	Program Level 3 process
Chemical Name:	Chlorine
CAS Number:	7782-50-5
Quantity (lbs):	12000
CBI Claimed:	
Flammable/Toxic:	Toxic

Process ID:	1000001605
Description:	Olefins Manufacturing
Process Chemical ID:	1000001713
Program Level:	Program Level 3 process
Chemical Name:	1,3-Butadiene
CAS Number:	106-99-0
Quantity (lbs):	2400000
CBI Claimed:	
Flammable/Toxic:	Flammable

Process ID:	1000001605
Description:	Olefins Manufacturing
Process Chemical ID:	1000001716
Program Level:	Program Level 3 process
Chemical Name:	Ethane
CAS Number:	74-84-0
Quantity (lbs):	80000
CBI Claimed:	
Flammable/Toxic:	Flammable

Process ID:	1000001605
Description:	Olefins Manufacturing
Process Chemical ID:	1000001714
Program Level:	Program Level 3 process
Chemical Name:	Propane
CAS Number:	74-98-6
Quantity (lbs):	200000
CBI Claimed:	
Flammable/Toxic:	Flammable

Process ID:	1000001605
Description:	Olefins Manufacturing
Process Chemical ID:	1000001715
Program Level:	Program Level 3 process
Chemical Name:	Propylene [1-Propene]
CAS Number:	115-07-1
Quantity (lbs):	750000
CBI Claimed:	
Flammable/Toxic:	Flammable

Process ID:	1000001605
Description:	Olefins Manufacturing
Process Chemical ID:	1000001717
Program Level:	Program Level 3 process
Chemical Name:	Ethylene [Ethene]
CAS Number:	74-85-1
Quantity (lbs):	130000
CBI Claimed:	

Flammable/Toxic:	Flammable

Process NAICS

Process ID:	1000001605
Process NAICS ID:	1000001690
Program Level:	Program Level 3 process
NAICS Code:	32511
NAICS Description:	Petrochemical Manufacturing

Section 2. Toxics: Worst Case

Toxic Worst ID: 1000001198

Percent Weight:	
Physical State:	Gas liquified by pressure
Model Used:	EPA's RMP*Comp(TM)
Release Duration (mins):	10
Wind Speed (m/sec):	1.5
Atmospheric Stability Class:	F
Topography:	Urban

Passive Mitigation Considered

Dikes:	
Enclosures:	
Berms:	
Drains:	
Sumps:	
Other Type:	

Section 3. Toxics: Alternative Release

Toxic Alter ID: 1000001435

Percent Weight:	
Physical State:	Gas liquified by pressure
Model Used:	EPA's RMP*Comp(TM)
Wind Speed (m/sec):	3.0
Atmospheric Stability Class:	D
Topography:	Urban

Passive Mitigation Considered

Dikes:	
Enclosures:	
Berms:	
Drains:	
Sumps:	
Other Type:	

Active Mitigation Considered

Sprinkler System:	
Deluge System:	
Water Curtain:	
Neutralization:	
Excess Flow Valve:	
Flares:	
Scrubbers:	
Emergency Shutdown:	
Other Type:	

Section 4. Flammables: Worst Case

Flammable Worst ID: 1000000454

Model Used:	EPA's RMP*Comp(TM)
Endpoint used:	1 PSI

Passive Mitigation Considered

Blast Walls:	
Other Type:	

Section 5. Flammables: Alternative Release

Flammable Alter ID: 1000000394

Model Used:	EPA's RMP*Comp(TM)

Passive Mitigation Considered

Dikes:	
Fire Walls:	
Blast Walls:	
Enclosures:	
Other Type:	

Active Mitigation Considered

Sprinkler System:	
Deluge System:	
Water Curtain:	
Excess Flow Valve:	
Other Type:	Emergency Shutdown Valve (ESD)

Section 6. Accident History

Accident History ID: 1000000553

Date of Accident:	28-Jan-2009
Time Accident Began (HHMM):	2106
NAICS Code of Process Involved:	32511
NAICS Description:	Petrochemical Manufacturing
Release Duration:	000 Hours 03 Minutes

Release Event

Gas Release:	
Liquid Spill/Evaporation:	
Fire:	Yes
Explosion:	
Uncontrolled/Runaway Reaction:	

Release Source

Storage Vessel:	
Piping:	Yes
Process Vessel:	
Transfer Hose:	
Valve:	
Pump:	
Joint:	
Other Release Source:	Cracking Furnace Heat Exchanger

Weather Conditions at the Time of Event

Wind Speed:	5.0
Units:	miles/h
Direction:	N
Temperature:	48
Atmospheric Stability Class:	F
Precipitation Present:	
Unknown Weather Conditions:	

On-Site Impacts

Employee or Contractor Deaths:	0
Public Responder Deaths:	0
Public Deaths:	0
Employee or Contractor Injuries:	0
Public Responder Injuries:	0
Public Injuries:	0
On-Site Property Damage ($):	115000

Known Off-Site Impacts

Deaths:	0
Hospitalization:	0
Other Medical Treatments:	0
Evacuated:	0

Sheltered-in-Place:	0
Off-Site Property Damage ($):	0

Environmental Damage

Fish or Animal Kills:	
Tree, Lawn, Shrub, or Crop Damage:	
Water Contamination:	
Soil Contamination:	
Other Environmental Damage:	

Initiating Event

Initiating Event:	Equipment Failure

Contributing Factors

Equipment Failure:	Yes
Human Error:	
Improper Procedures:	
Overpressurization:	
Upset Condition:	
By-Pass Condition:	
Maintenance Activity/Inactivity:	
Process Design Failure:	Yes
Unsuitable Equipment:	
Unusual Weather Condition:	
Management Error:	
Other Contributing Factor:	

Off-Site Responders Notified

Off-Site Responders Notified:	Notified Only

Changes Introduced as a Result of the Accident

Improved or Upgraded Equipment:	Yes
Revised Maintenance:	
Revised Training:	
Revised Operating Procedures:	Yes
New Process Controls:	
New Mitigation Systems:	
Revised Emergency Response Plan:	
Changed Process:	
Reduced Inventory:	
None:	
Other Changes Introduced:	

Confidential Business Information

CBI Claimed:	

Chemicals in Accident History

Accident Chemical ID:	1000000553
Quantity Released (lbs):	60
Percent Weight:	
Chemical Name:	Flammable Mixture
CAS Number:	00-11-11
Flammable/Toxic:	Flammable

Flammable Mixture Chemical Components in Accident History

Accident Chemical Flammable Mixture ID:	2439
Chemical Name:	Propane
Flammable/Toxic:	Flammable
Accident Chemical Flammable Mixture ID:	2443
Chemical Name:	Ethylene [Ethene]
Flammable/Toxic:	Flammable
Accident Chemical Flammable Mixture ID:	2442
Chemical Name:	1,3-Butadiene
Flammable/Toxic:	Flammable
Accident Chemical Flammable Mixture ID:	2441
Chemical Name:	Ethane
Flammable/Toxic:	Flammable
Accident Chemical Flammable Mixture ID:	2440
Chemical Name:	Propylene [1-Propene]
Flammable/Toxic:	Flammable

Accident History ID: 1000026177

Date of Accident:	05-Sep-2012
Time Accident Began (HHMM):	1412
NAICS Code of Process Involved:	32511
NAICS Description:	Petrochemical Manufacturing
Release Duration:	000 Hours 01 Minutes

Release Event

Gas Release:	
Liquid Spill/Evaporation:	
Fire:	
Explosion:	Yes
Uncontrolled/Runaway Reaction:	

Release Source

Storage Vessel:	
Piping:	
Process Vessel:	
Transfer Hose:	
Valve:	
Pump:	
Joint:	
Other Release Source:	Furnace

Weather Conditions at the Time of Event

Wind Speed:	3.0
Units:	miles/h
Direction:	W
Temperature:	87
Atmospheric Stability Class:	B
Precipitation Present:	
Unknown Weather Conditions:	

On-Site Impacts

Employee or Contractor Deaths:	0
Public Responder Deaths:	0
Public Deaths:	0
Employee or Contractor Injuries:	0
Public Responder Injuries:	0
Public Injuries:	0
On-Site Property Damage ($):	9000000

Known Off-Site Impacts

Deaths:	0
Hospitalization:	0
Other Medical Treatments:	0
Evacuated:	0
Sheltered-in-Place:	0
Off-Site Property Damage ($):	0

Environmental Damage

Fish or Animal Kills:	
Tree, Lawn, Shrub, or Crop Damage:	
Water Contamination:	
Soil Contamination:	
Other Environmental Damage:	

Initiating Event

Initiating Event:	Human Error

Contributing Factors

Equipment Failure:	
Human Error:	Yes
Improper Procedures:	Yes
Overpressurization:	
Upset Condition:	
By-Pass Condition:	
Maintenance Activity/Inactivity:	
Process Design Failure:	
Unsuitable Equipment:	
Unusual Weather Condition:	
Management Error:	

Other Contributing Factor:

Off-Site Responders Notified

Off-Site Responders Notified:	No, not notified

Changes Introduced as a Result of the Accident

Improved or Upgraded Equipment:	Yes
Revised Maintenance:	
Revised Training:	Yes
Revised Operating Procedures:	Yes
New Process Controls:	Yes
New Mitigation Systems:	
Revised Emergency Response Plan:	
Changed Process:	
Reduced Inventory:	
None:	
Other Changes Introduced:	

Confidential Business Information

CBI Claimed:

Chemicals in Accident History

Accident Chemical ID:	1000020369
Quantity Released (lbs):	1
Percent Weight:	
Chemical Name:	Flammable Mixture
CAS Number:	00-11-11
Flammable/Toxic:	Flammable

Flammable Mixture Chemical Components in Accident History

Accident Chemical Flammable Mixture ID:	1000002683
Chemical Name:	Ethane
Flammable/Toxic:	Flammable

Accident Chemical Flammable Mixture ID:	1000002701
Chemical Name:	Propane
Flammable/Toxic:	Flammable

Section 7. Program Level 3

Description

Geismar Olefins Plant

Program Level 3 Prevention Program Chemicals

Prevention Program Chemical ID:	1000001157
Chemical Name:	Propane
Flammable/Toxic:	Flammable
CAS Number:	74-98-6
Prevention Program Level 3 ID:	1000000990
NAICS Code:	32511
Prevention Program Chemical ID:	1000001156
Chemical Name:	1,3-Butadiene
Flammable/Toxic:	Flammable
CAS Number:	106-99-0
Prevention Program Level 3 ID:	1000000990
NAICS Code:	32511
Prevention Program Chemical ID:	1000001158
Chemical Name:	Propylene [1-Propene]
Flammable/Toxic:	Flammable
CAS Number:	115-07-1
Prevention Program Level 3 ID:	1000000990
NAICS Code:	32511
Prevention Program Chemical ID:	1000001161
Chemical Name:	Chlorine
Flammable/Toxic:	Toxic
CAS Number:	7782-50-5
Prevention Program Level 3 ID:	1000000990
NAICS Code:	32511
Prevention Program Chemical ID:	1000001160
Chemical Name:	Ethylene [Ethene]
Flammable/Toxic:	Flammable
CAS Number:	74-85-1

Prevention Program Level 3 ID:	1000000990
NAICS Code:	32511
Prevention Program Chemical ID:	1000001159
Chemical Name:	Ethane
Flammable/Toxic:	Flammable
CAS Number:	74-84-0
Prevention Program Level 3 ID:	1000000990
NAICS Code:	32511

Safety Information

Safety Review Date (The date on which the safety information was last reviewed or revised):	13-Apr-2009

Process Hazard Analysis (PHA)

PHA Completion Date (Date of last PHA or PHA update):	07-May-2009

The Technique Used

What If:	
Checklist:	
What If/Checklist:	
HAZOP:	Yes
Failure Mode and Effects Analysis:	
Fault Tree Analysis:	
Other Technique Used:	
PHA Change Completion Date (The expected or actual date of completion of all changes resulting from last PHA or PHA update):	31-Dec-2014

Major Hazards Identified

Toxic Release:	Yes
Fire:	Yes
Explosion:	Yes
Runaway Reaction:	
Polymerization:	
Overpressurization:	Yes
Corrosion:	Yes
Overfilling:	Yes
Contamination:	Yes
Equipment Failure:	Yes
Loss of Cooling, Heating, Electricity, Instrument Air:	Yes
Earthquake:	
Floods (Flood Plain):	Yes
Tornado:	
Hurricanes:	Yes
Other Major Hazard Identified:	

Process Controls in Use

Vents:	Yes
Relief Valves:	Yes
Check Valves:	Yes
Scrubbers:	
Flares:	Yes
Manual Shutoffs:	Yes
Automatic Shutoffs:	Yes
Interlocks:	Yes
Alarms and Procedures:	Yes
Keyed Bypass:	Yes
Emergency Air Supply:	Yes
Emergency Power:	Yes
Backup Pump:	Yes
Grounding Equipment:	Yes
Inhibitor Addition:	Yes
Rupture Disks:	Yes
Excess Flow Device:	Yes
Quench System:	
Purge System:	Yes
None:	
Other Process Control in Use:	

Mitigation Systems in Use

Sprinkler System:	Yes
Dikes:	Yes
Fire Walls:	
Blast Walls:	
Deluge System:	Yes
Water Curtain:	
Enclosure:	
Neutralization:	
None:	
Other Mitigation System in Use:	

Monitoring/Detection Systems in Use

Process Area Detectors:	Yes
Perimeter Monitors:	Yes
None:	
Other Monitoring/Detection System in Use:	

Changes Since Last PHA Update

Reduction in Chemical Inventory:	
Increase in Chemical Inventory:	
Change Process Parameters:	
Installation of Process Controls:	
Installation of Process Detection Systems:	
Installation of Perimeter Monitoring Systems:	
Installation of Mitigation Systems:	
None Recommended:	
None:	Yes

Other Changes Since Last PHA or PHA Update:

Review of Operating Procedures

Operating Procedures Revision Date (The date of the most recent review or revision of operating procedures):	31-Mar-2009

Training

Training Revision Date (The date of the most recent review or revision of training programs):	30-Nov-2008

The Type of Training Provided

Classroom:	Yes
On the Job:	Yes
Other Training:	

The Type of Competency Testing Used

Written Tests:	Yes
Oral Tests:	Yes
Demonstration:	Yes
Observation:	Yes
Other Type of Competency Testing Used:	

Maintenance

Maintenance Procedures Revision Date (The date of the most recent review or revision of maintenance procedures):	12-Feb-2009
Equipment Inspection Date (The date of the most recent equipment inspection or test):	21-Apr-2009
Equipment Tested (Equipment most recently inspected or tested):	GB-102 Induced Furnace Fan

Management of Change

Change Management Date (The date of the most recent change that triggered management of change procedures):	16-Apr-2009
Change Management Revision Date (The date of the most recent review or revision of management of change procedures):	09-Sep-2008

Pre-Startup Review

Pre-Startup Review Date (The date of the most recent pre-startup review):	09-Apr-2009

Compliance Audits

Compliance Audit Date (The date of the most recent compliance audit):	31-Dec-2009
Compliance Audit Change Completion Date (Expected or actual date of completion of all changes resulting from the compliance audit):	08-May-2007

Incident Investigation

Incident Investigation Date (The date of the most recent incident investigation (if any)):	05-Sep-2012
Incident Investigation Change Date (The expected or actual date of completion of all changes resulting from the investigation):	31-Mar-2013

Employee Participation Plans

Participation Plan Revision Date (The date of the most recent review or revision of employee participation plans):	08-May-2007

Hot Work Permit Procedures

Hot Work permit Review Date (The date of the most recent review or revision of hot work permit procedures):	08-May-2007

Contractor Safety Procedures

Contractor Safety Procedures Review Date (The date of the most recent review or revision of contractor safety procedures):	12-Mar-2009
Contractor Safety Performance Evaluation Date (The date of the most recent review or revision of contractor safety performance):	20-Apr-2009

Confidential Business Information

CBI Claimed:

Section 8. Program Level 2

Section 9. Emergency Response

Written Emergency Response (ER) Plan

Community Plan (Is facility included in written community emergency response plan?):	Yes
Facility Plan (Does facility have its own written emergency response plan?):	Yes
Response Actions (Does ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?):	Yes
Public Information (Does ER plan include procedures for informing the public and local agencies responding to accidental release?):	Yes
Healthcare (Does facility's ER plan include information on emergency health care?):	Yes

Emergency Response Review

Review Date (Date of most recent review or update of facility's ER plan):	20-Mar-2009

Emergency Response Training

Training Date (Date of most recent review or update of facility's employees):	14-Apr-2009

Local Agency

Agency Name (Name of local agency with which the facility ER plan or response activities are coordinated):	Ascension & Iberville LEPC's
Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated):	(225) 621-8300

Subject to

OSHA Regulations at 29 CFR 1910.38:	Yes
OSHA Regulations at 29 CFR 1910.120:	Yes
Clean Water Regulations at 40 CFR 112:	Yes
RCRA Regulations at CFR 264, 265, and 279.52:	Yes
OPA 90 Regulations at 40 CFR 112, 33 CFR 154, 49 CFR 194, or 30 CFR 254:	Yes
State EPCRA Rules or Laws:	Yes
Other (Specify):	MTSA (33 CFR Part 101, 103 and 105)

Executive Summary

17854 LDEQ Facility ID Number

Executive Summary
Williams Olefins
Geismar Ethylene Plant
Geismar, Louisiana

Accidental Release Prevention and Response Policies

The Williams Olefins, Geismar Ethylene Plant has a long-standing commitment to protect employees, the community and the environment. This commitment is demonstrated by the resources invested in accident prevention, such as training personnel and considering safety and environmental consequences in the design, installation, operation, and maintenance of our processes. Our policy is to implement reasonable controls to prevent foreseeable releases of hazardous materials. However, if a release does occur, our trained emergency response personnel will respond to control, contain and mitigate the release.

Description of the Stationary Source and Regulated Substances

The Geismar Ethylene Plant, located in Geismar, Louisiana, operates an olefins facility to produce ethylene, propylene, crude butadiene and debutanized aromatic concentrate from ethane and propane feedstocks. The Geismar Ethylene Plant is subject to the requirements of 40 CFR Part 68, Chemical Accident Prevention Provisions. The Geismar Ethylene Plant has regulated flammable substances including, propane, 1,3-butadiene, propylene, ethylene and ethane. Additionally, the plant uses chlorine, which is also a regulated toxic substance.

Five-Year Accident History

The Geismar Ethylene Plant has had an excellent record of accident prevention over the past 5 years. Every incident is investigated very carefully to determine ways to prevent the incident or similar incidents from recurring.

Approximately 60 pounds of a flammable mixture was released in 2009 due to a mechanical failure. The resulting fire caused property damage. The equipment was re-designed following this incident and the written operating procedures were revised. No injuries or off-site impacts resulted from this accident.

Less than 1 pounds of a flammable mixture was released in 2012 when improper procedures were followed on a furnace. The resulting explosion caused property damage. The flammable mixture was consumed during the explosion. New process controls are being added, operating procedures are being revised, and additional training will be conducted as a result of this accident.

General Accidental Release/Chemical-Specific Prevention Programs Steps

An accident prevention program is in place at the Geismar Ethylene Plant. Because the process at the Geismar Ethylene Plant is regulated by the EPA Risk Management Program (RMP) regulation and is also subject to the OSHA Process Safety Management (PSM) standard, the elements of these programs are listed below. Collectively, these prevention program activities help minimize potential accident scenarios that could be caused by (1) equipment failures and (2) human errors.

Employee Participation
Process Safety Information
Process Hazard Analysis (PHA)
Operating Procedures
Training
Contractors
Pre-startup Safety Reviews

Mechanical Integrity
Safe Work Practices
Management of Change
Incident Investigation
Compliance Audits

The Geismar Ethylene Plant also has a security plan in place designed to comply with the Maritime Transportation Security Act (MTSA). The MTSA is a federal law designed to protect U.S. ports and waterways from a terrorist attack. It requires measures to control access to facilities and vessels that might be vulnerable to an incident resulting in a significant loss of life, environmental damage, transportation system disruption, or economic disruption.

Emergency Response Program Information

The Geismar Ethylene Plant maintains a written emergency control program, which is in place to protect worker and public safety as well as the environment. The program consists of procedures for responding to a release of a regulated substance, including the possibility of a fire or explosion if a flammable substance is accidentally released. The procedures address all aspects of emergency response, including proper first-aid and medical treatment for exposures, evacuation plans and accounting for personnel after evacuation, notification of local emergency response agencies and the public if a release occurs, and post incident cleanup and decontamination requirements. In addition, the Geismar Ethylene Plant has procedures that address maintenance, inspection, and testing of emergency response equipment, as well as instructions that address the use of emergency response equipment. Employees receive training in these procedures as necessary to perform their specific emergency response duties. The emergency control program is updated when necessary based on modifications made to Geismar Ethylene Plant processes or other Geismar Ethylene Plant facilities.

The overall emergency control program for the Geismar Ethylene Plant is coordinated with the Ascension and Iberville Parishes Local Emergency Planning Committees (LEPC). This coordination includes periodic meetings of the committees, which include local emergency state officials, local government officials, and industry representatives. The Geismar Ethylene Plant has communications capability with appropriate officials and emergency response organizations (e.g., sheriff's office, Geismar Area Mutual Aid, complex emergency brigade, etc.). This provides a means of notifying the public of an incident, if necessary, as well as facilitating quick response to an incident. In addition to periodic LEPC meetings, the Geismar Ethylene Plant conducts periodic emergency drills.

Planned Changes to Improve Safety

The Geismar Ethylene Plant is committed to operating our facility in a safe and responsible manner. We are continually evaluating our equipment and procedures to meet this objective and have identified recommendations during past studies. These recommendations are currently being implemented where appropriate.